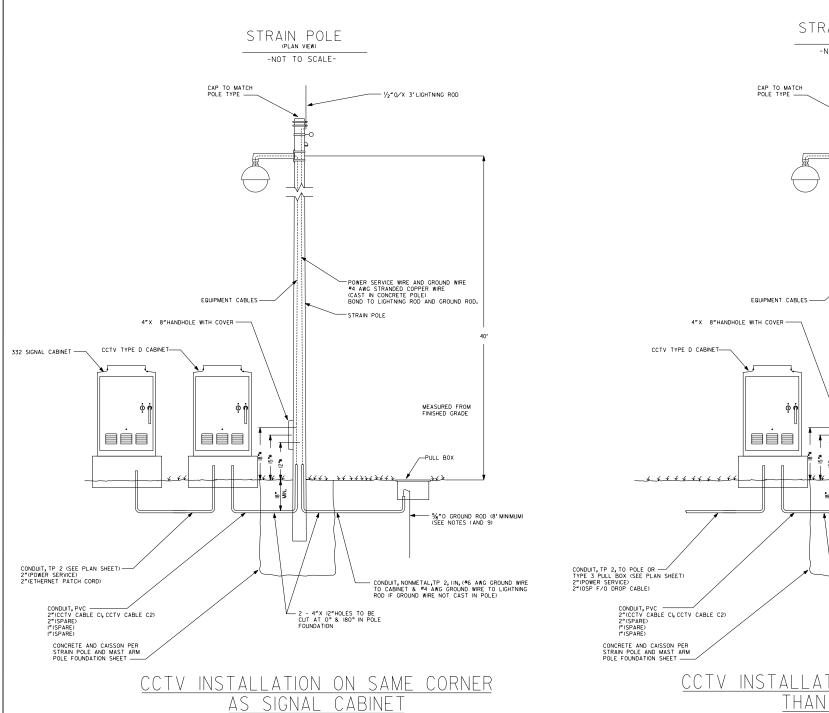
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	STP-7318-00(850)		



STRAIN POLE

(PLAN VIEW)

-NOT TO SCALE-

1/2"0/X 3' LIGHTNING ROD

-POWER SERVICE WIRE AND GROUND WIRE #4 AWG STRANDED COPPER WIRE (CAST IN CONCRETE POLE) BOND TO LIGHTNING ROD AND GROUND ROD.

> MEASURED FROM FINISHED GRADE

-PULL BOX

CONDUIT, NONMETAL, TP 2, IIN, (#6 AWG GROUND WIRE TO CABINET & #4 AWG GROUND WIRE TO LIGHTNING ROD IF GROUND WIRE NOT CAST IN POLE)

%"O GROUND ROD (8' MINIMUM) (SEE NOTES LAND 9)

I.POLE GROUNDING AND LIGHTNING PROTECTION SHALL BE IN ACCORDANCE WITH SECTIONS 639,647, AND 924 OF THE GEORGIA SPECIFICATIONS.

GENERAL NOTES

2. THE CCTV CABINET SHALL BE GROUND MOUNTED AS SHOWN ON THE PLAN SHEETS. IF CABINET LOCATION ON PLANS DIFFERS FROM LOCATION SHOWN ON THIS DETAIL, THE CABINET LOCATION ON THE PLANS SHALL PREVAIL.

3. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL CCTV ASSEMBLY EQUIPMENT AND MATERIALS IN ACCORDANCE WITH THE CONTRACT PLANS AND SECTION 936 AND 936 OF THE GEORGIA SPECIFICATIONS.

4. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW SUPPORT/STRAIN POLES IN ACCORDANCE WITH SECTION 639 OF THE GEORGIA SPECIFICATIONS.

5. ALL CABLE ENTRANCES IN OR OUT OF POLE SHALL BE BY A WEATHERHEAD OR RIGID METALLIC CONDUIT BODY WITH A THREADED NIPPLE INSTALLED IN A THREADED COLLAR. THE THREADED COLLAR SHALL BE DESIGNED AND INSTALLED AT THE POINT OF POLE MANUFACTURE. FIELD DRILLING SHALL NOT BE PERMITTED.

6. CONDUITS SHALL BE INSTALLED IN THE FOUNDATIONS OF ALL NEW SUPPORT POLES, INCLUDING LOCATIONS SHOWN IN THE PLANS FOR AERIAL COMMUNICATIONS AND/OR ELECTRICAL POWER SERVICE. IN ADDITION TO THE CONDUITS SHOWN ON THE PLANS, THE CONTRACTOR SHALL INSTALL 2 - 2" AND 2 - 1" (CONDUIT, NONMETAL, TP 2). CONDUITS SHALL BE STUBBED AND CAPPED INSIDE THE CCTV CABINET BASE. ONE 2" AND ONE 1" SHALL REMAIN EMPTY.

7. AERIAL CABLE ATTACHMENT POINTS AND DRIP LOOPS SHALL BE AT LEAST 12"FROM ANY DEVICE OR DEVICE BRACKETS.

8. PULLBOX PB-2, FOR GROUND ROD INSTALLATION, SHALL BE INCLUDED IN THE LUMP SUM BIO PRICE FOR CCTV SYSTEM. NO ADDITIONAL PAYMENT SHALL BE MADE FOR PB-2 INSTALLATION.

9.GROUND ROD SHALL BE A MINIMUM OF 6"AND A MAXIMUM OF 10"ABOVE PULL BOX DRAINAGE GRAVEL.

CCTV INSTALLATION ON DIFFERENT CORNER THAN SIGNAL CABINET

- 2 - 4"X I2"HOLES TO BE CUT AT 0° & I80° IN POLE FOUNDATION

G R E S H A M S M I T H A N D P A R T N E R S

NOT TO SCALE

DATE REVISIONS DATE REVISIONS

CC
PR
DA

CLAYTON COUNTY SPLOST

CCTV INSTALLATION DETAILS

PROJECT - STP-7318-00(850)
DATE SHEET